

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/519,580
Source: PG7/10
Date Processed by STIC: 1/10/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/519,580

DATE: 01/10/2005

TIME: 16:04:24

Input Set : A:\66176-05sequence listing.ST25.txt

Output Set: N:\CRF4\01102005\J519580.raw

3 <110> APPLICANT: The Government of the United States of America, as
 4 represented by the Department of Health and Human Services
 5 Kashmiri, Syed V.S.
 6 Schlom, Jeffrey
 7 Padlan, Eduardo A.
 9 <120> TITLE OF INVENTION: HUMANIZED ANTI-TAG 72 CC49 FOR DIAGNOSIS AND THERAPY OF
 HUMAN
 10 TUMORS
 12 <130> FILE REFERENCE: 4239-66176-05
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/519,580
 C--> 14 <141> CURRENT FILING DATE: 2004-12-27
 14 <150> PRIOR APPLICATION NUMBER: 60/393,077
 15 <151> PRIOR FILING DATE: 2002-06-28
 17 <150> PRIOR APPLICATION NUMBER: PCT/US03/20367
 18 <151> PRIOR FILING DATE: 2003-06-26
 20 <160> NUMBER OF SEQ ID NOS: 16
 22 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 31
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: primer
 32 <400> SEQUENCE: 1
 33 tgagcggcac agagctcgac atcgtgatga g 31
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 26
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Artificial sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: primer
 45 <220> FEATURE:
 46 <221> NAME/KEY: misc_feature
 47 <222> LOCATION: (14)..(14)
 48 <223> OTHER INFORMATION: s is a g or c
 50 <220> FEATURE:
 51 <221> NAME/KEY: misc_feature
 52 <222> LOCATION: (15)..(15)
 53 <223> OTHER INFORMATION: h is a, c, or t
 55 <220> FEATURE:
 56 <221> NAME/KEY: misc_feature
 57 <222> LOCATION: (16)..(16)
 58 <223> OTHER INFORMATION: k is g or t
 60 <400> SEQUENCE: 2

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```

61 agctataata ctgshkacaa taatag                                26
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 26
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: primer
73 <220> FEATURE:
74 <221> NAME/KEY: misc_feature
75 <222> LOCATION: (15)..(15)
76 <223> OTHER INFORMATION: b is g, t, or c
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <222> LOCATION: (16)..(16)
81 <223> OTHER INFORMATION: n is a, g, c or t
83 <400> SEQUENCE: 3
W--> 84 ggggatagct atagbactgc tgacaa                                26
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 26
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: primer
96 <220> FEATURE:
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (14)..(14)
99 <223> OTHER INFORMATION: s is g or c
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (15)..(16)
104 <223> OTHER INFORMATION: n is a, g, c or t
106 <400> SEQUENCE: 4
W--> 107 tgaggggata gctsnhatac tgctga                                26
110 <210> SEQ ID NO: 5
111 <211> LENGTH: 26
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: primer
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (14)..(14)
122 <223> OTHER INFORMATION: s is g or c
124 <220> FEATURE:
125 <221> NAME/KEY: misc_feature
126 <222> LOCATION: (15)..(16)
127 <223> OTHER INFORMATION: n is a, g, c or t
129 <400> SEQUENCE: 5
W--> 130 agctgagggg atasnnataa tactgc                                26

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```

133 <210> SEQ ID NO: 6
134 <211> LENGTH: 26
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: primer
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (14)..(14)
145 <223> OTHER INFORMATION: s is g or c
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (15)..(16)
150 <223> OTHER INFORMATION: n is a, g, c or t
152 <400> SEQUENCE: 6
W--> 153 cgaagctgag ggggngcta taatac 26
156 <210> SEQ ID NO: 7
157 <211> LENGTH: 26
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: primer
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (14)..(14)
168 <223> OTHER INFORMATION: s is g or c
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (15)..(16)
173 <223> OTHER INFORMATION: n is a, g, c or t
175 <400> SEQUENCE: 7
W--> 176 cagcgccgaa gctsnnggga tagcta 26
179 <210> SEQ ID NO: 8
180 <211> LENGTH: 58
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: primer
187 <400> SEQUENCE: 8
188 gcgccgtcta gaattaacac tctccctgt tgaagctctt tgtgacgggc gaactcag 58
191 <210> SEQ ID NO: 9
192 <211> LENGTH: 32
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: primer
199 <400> SEQUENCE: 9
200 gcccgtagca tggcccaggt ccagctggtg ca 32
203 <210> SEQ ID NO: 10

```

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```

204 <211> LENGTH: 25
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: primer
212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (12)..(12)
215 <223> OTHER INFORMATION: s is g or c
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (13)..(14)
220 <223> OTHER INFORMATION: n is a, g, c or t
222 <400> SEQUENCE: 10
W--> 223 cggggagaga asntccaat ccact 25
226 <210> SEQ ID NO: 11
227 <211> LENGTH: 24
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: primer
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (11)..(11)
238 <223> OTHER INFORMATION: s is g or c
240 <220> FEATURE:
241 <221> NAME/KEY: misc_feature
242 <222> LOCATION: (12)..(13)
243 <223> OTHER INFORMATION: n is a, g, c or t
245 <400> SEQUENCE: 11
W--> 246 cgtttcggg snngaaatat ccaa 24
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 24
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: primer
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: (11)..(11)
261 <223> OTHER INFORMATION: s is g or c
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (12)..(13)
266 <223> OTHER INFORMATION: n is a, g, c or t
268 <400> SEQUENCE: 12
W--> 269 aatcatcggt snngggagag aaat 24
272 <210> SEQ ID NO: 13
273 <211> LENGTH: 24

```

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```

274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: primer
281 <220> FEATURE:
282 <221> NAME/KEY: misc_feature
283 <222> LOCATION: (12)..(13)
284 <223> OTHER INFORMATION: n is a, g, c or t
286 <400> SEQUENCE: 13
W--> 287 aaaaatcatc gnntccggga gaga 24
290 <210> SEQ ID NO: 14
291 <211> LENGTH: 24
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: primer
299 <220> FEATURE:
300 <221> NAME/KEY: misc_feature
301 <222> LOCATION: (11)..(11)
302 <223> OTHER INFORMATION: s is g or c
304 <220> FEATURE:
305 <221> NAME/KEY: misc_feature
306 <222> LOCATION: (12)..(12)
307 <223> OTHER INFORMATION: n is a, g, c or t
309 <220> FEATURE:
310 <221> NAME/KEY: misc_feature
311 <222> LOCATION: (13)..(13)
312 <223> OTHER INFORMATION: h is a, c, or t
314 <400> SEQUENCE: 14
W--> 315 agtacttaaa snhatcgttt ccgg 24
318 <210> SEQ ID NO: 15
319 <211> LENGTH: 24
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: primer
327 <220> FEATURE:
328 <221> NAME/KEY: misc_feature
329 <222> LOCATION: (11)..(11)
330 <223> OTHER INFORMATION: s is g or c
332 <220> FEATURE:
333 <221> NAME/KEY: misc_feature
334 <222> LOCATION: (12)..(13)
335 <223> OTHER INFORMATION: n is a, g, c or t
337 <400> SEQUENCE: 15
W--> 338 tctgtgagta snnaaatca tcgt 24
341 <210> SEQ ID NO: 16
342 <211> LENGTH: 28
343 <212> TYPE: DNA

```

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 16
Seq#:4; N Pos. 15, 16
Seq#:5; N Pos. 15, 16
Seq#:6; N Pos. 15, 16
Seq#:7; N Pos. 15, 16
Seq#:10; N Pos. 13, 14
Seq#:11; N Pos. 12, 13
Seq#:12; N Pos. 12, 13
Seq#:13; N Pos. 12, 13
Seq#:14; N Pos. 12
Seq#:15; N Pos. 12, 13

VERIFICATION SUMMARY

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Input Set : A:\66176-05sequence listing.ST25.txt

Output Set: N:\CRF4\01102005\J519580.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0